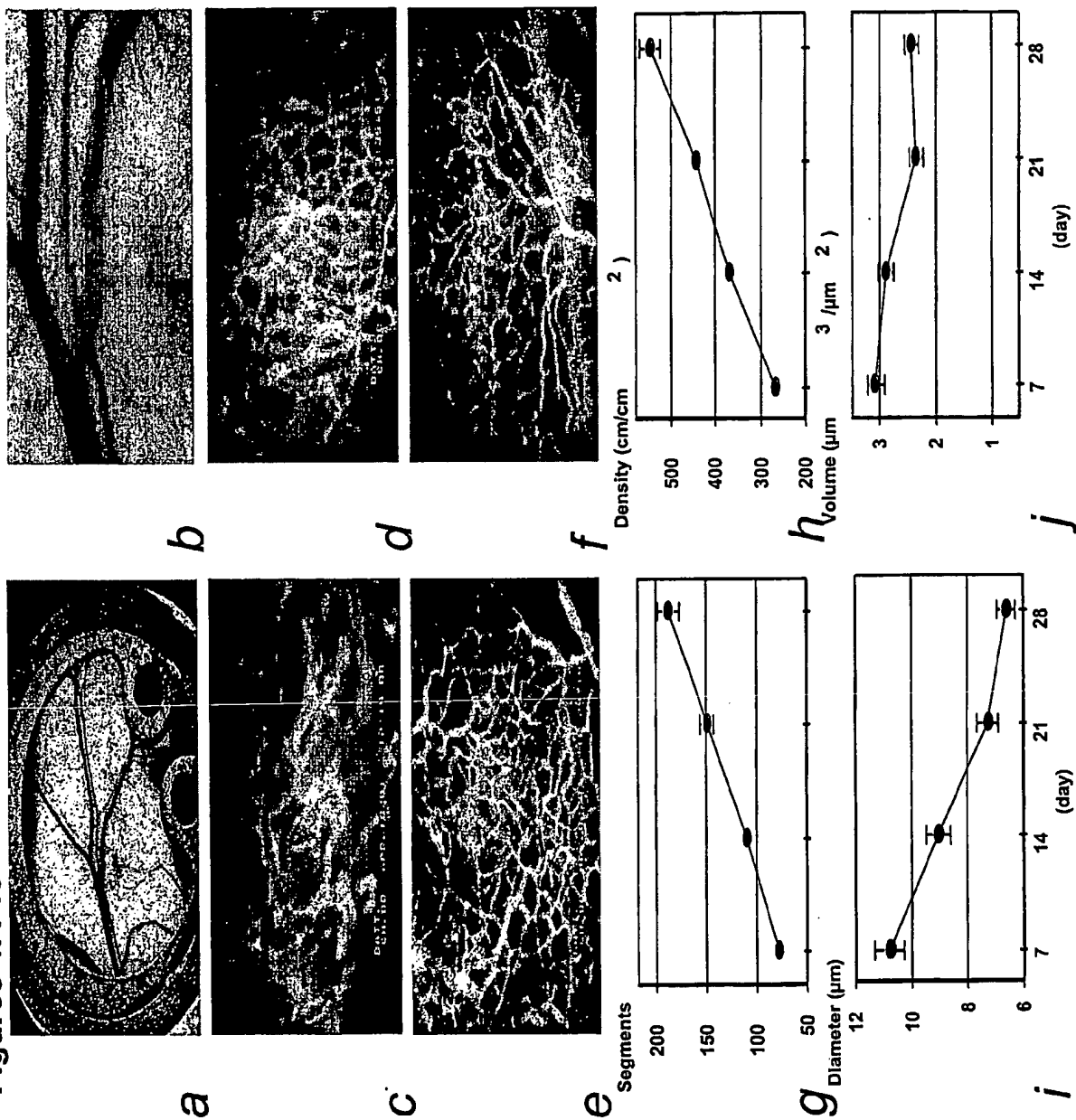
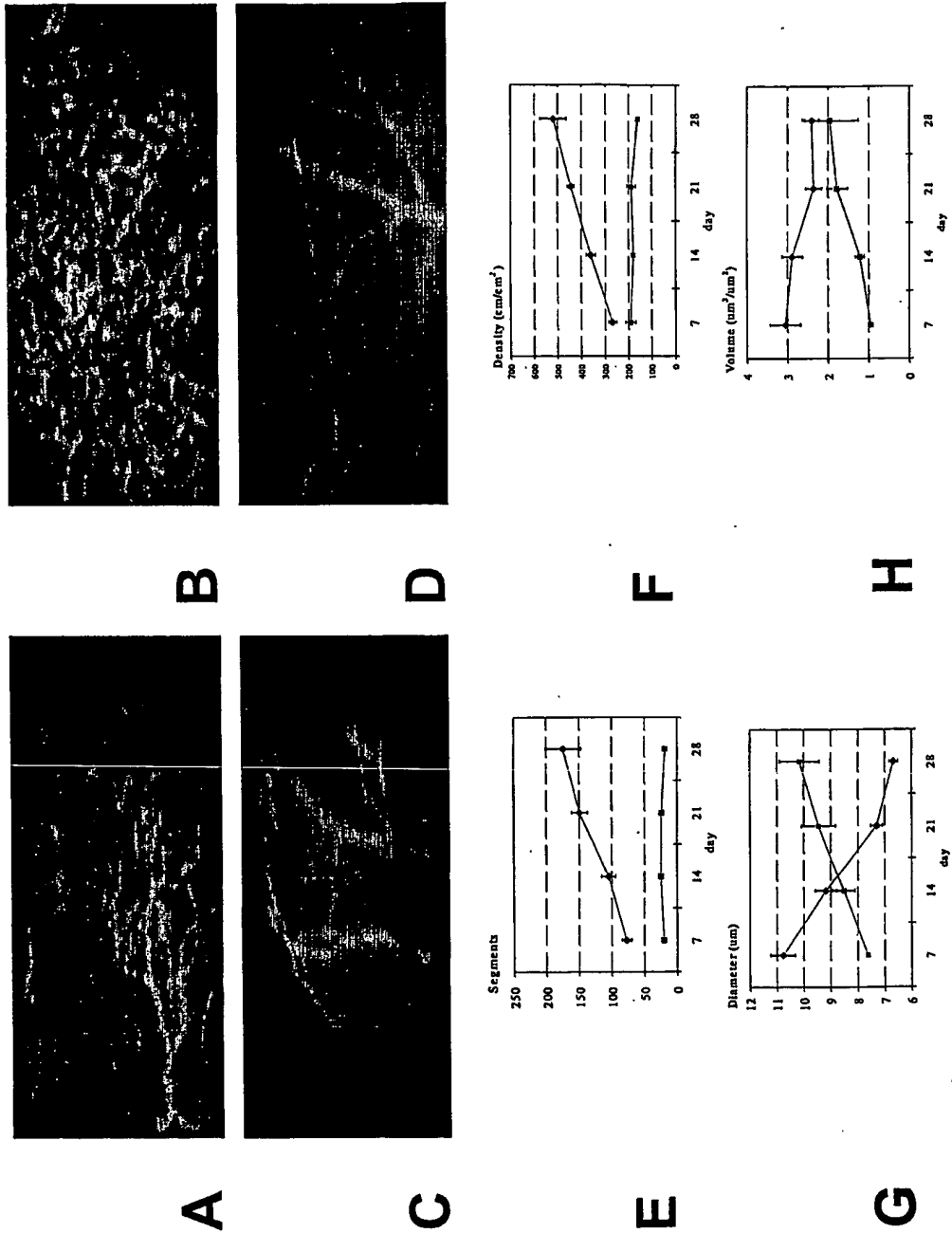


Figures 1A-1J

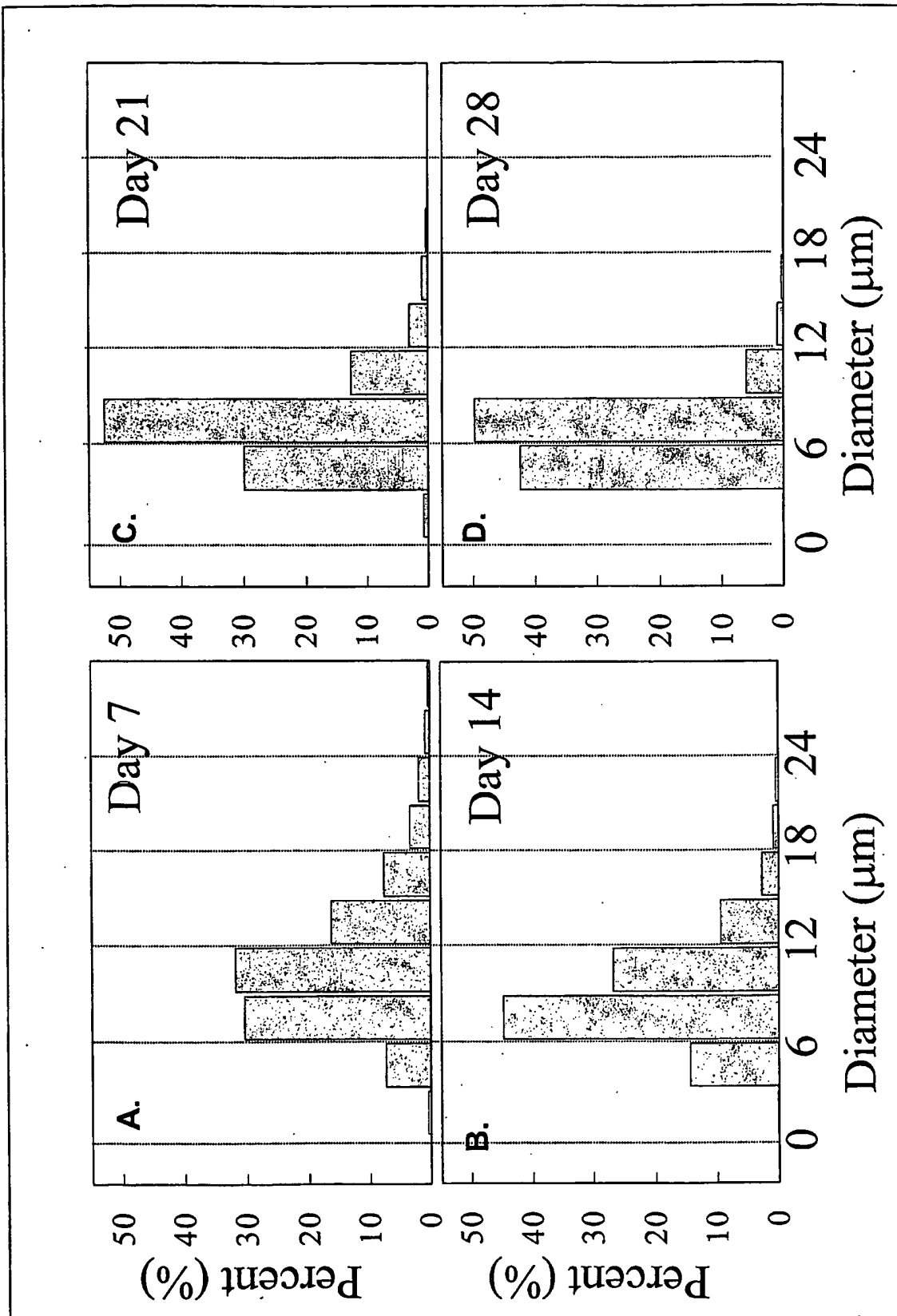


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Figures 2A-2H



Figures 3A-3D



Figures 4A-4C

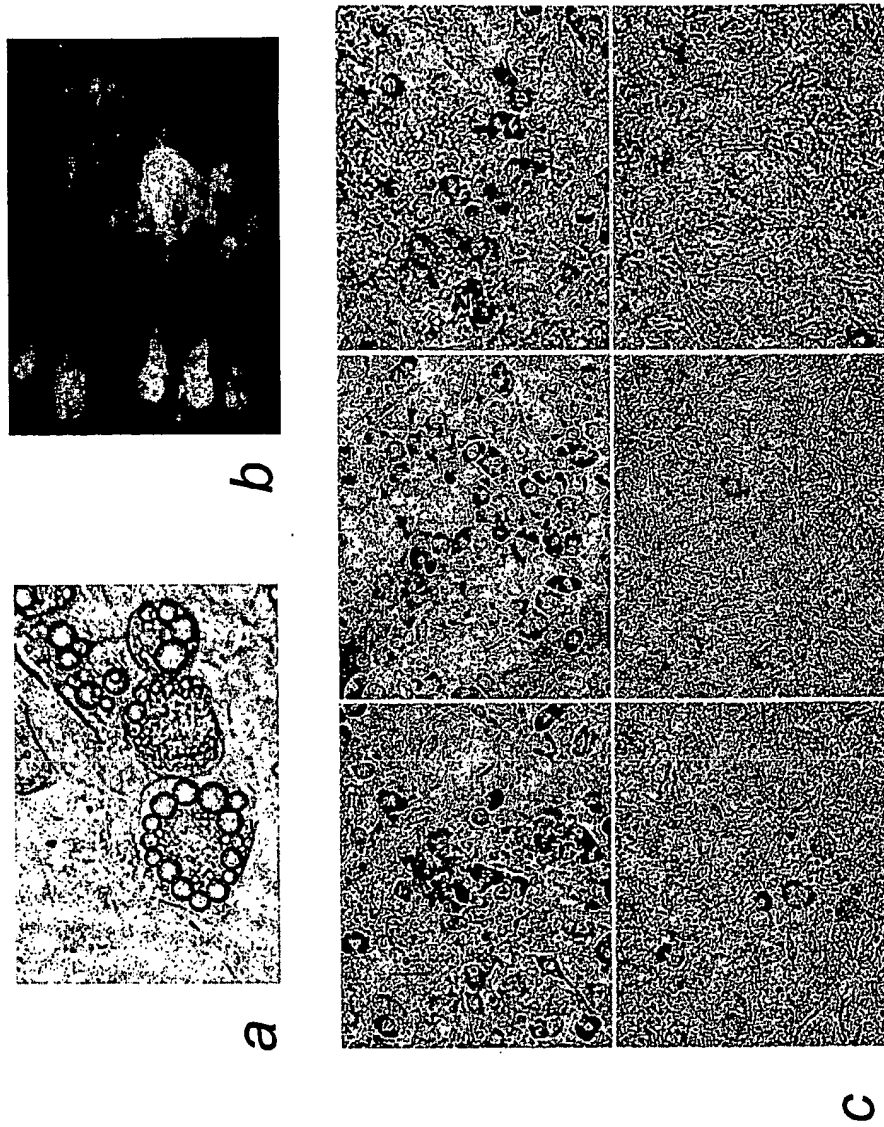


Figure 5 (Page 1 of 4)

Genebank	Gene name	In vitro <sup>a</sup>				Comments
		3T3-442A/ PPAR $\gamma$ DN	3T3-442A/ Preadipocyte	3T3-442A/ Adipocyte	3T3-442A/ Adipocyte	
NM_009621	Adams1	(+)	(+)	(+)	(+)	Decreased in adipocytes (x3)
NM_013906	Adams8	N.D.	N.D.	N.D.	N.D.	
U83509	anglopoletin-1	N.D.	N.D.	N.D.	N.D.	Not detectable by RT-PCR
NM_007426	anglopoletin2	(+)	(+)	(+)	(+)	Decreased in adipocytes (x2), Increased by PPAR $\gamma$ DN (x27)
U22516	angiogenin	N.D.	N.D.	N.D.	N.D.	
NM_007643	CD36	(+)	(+)	(+)	(+)	Increased in adipocytes (x13)
NM_009868	cadherin 5	(+)	N.D.	N.D.	N.D.	
NM_007693	Vasostatin/chromogranin A	N.D.	N.D.	N.D.	N.D.	
NM_009929	procollagen, type XVIII, alpha 1	N.D.	N.D.	N.D.	N.D.	
M13926	G-CSF	(+)	(+)	(+)	(+)	Increased by PPAR $\gamma$ DN (x57)
NM_010217	Tissue factor	N.D.	N.D.	N.D.	N.D.	
NM_007901	Edg1	N.D.	N.D.	N.D.	N.D.	
NM_007909	Ephrin A2	N.D.	N.D.	N.D.	N.D.	
NM_010109	Ephrin A receptor	N.D.	N.D.	N.D.	N.D.	
NM_010111	Ephrin B2	(+)	(+)	(+)	(+)	Increased in adipocytes (x2.5)
NM_010113	EGF	N.D.	N.D.	N.D.	N.D.	
NM_007912	EGFR	(+)	(+)	(+)	(+)	Decreased in adipocytes (x2.5), Increased by PPAR $\gamma$ DN (x5.5)
NM_007932	endoglin	N.D.	N.D.	N.D.	N.D.	
NM_010144	Ephrin B4	(+)	(+)	(+)	(+)	
U71126	erb-2	N.D.	N.D.	N.D.	N.D.	
NM_011808	c-ets1	N.D.	N.D.	N.D.	N.D.	
NM_010168	Prothrombin kringle-1	(+)	(+)	(+)	(+)	
U67610	aFGF	N.D.	N.D.	N.D.	N.D.	
U030614	FGF-16	(+)	(+)	(+)	(+)	Increased by PPAR $\gamma$ DN (x2.5)
U06844	bFGF	N.D.	N.D.	N.D.	N.D.	
M30642	FGF4	N.D.	N.D.	N.D.	N.D.	

Figure 5 (Page 2 of 4)

M92416	FGF6	N.D.	N.D.	N.D.	Increased by PPAR $\gamma$ DN (x2.5)
U58503	FGF7/KGF	(+)	(+)	(+)	
M33760	FGFR1 (FLG)	N.D.	N.D.	N.D.	
M81342	FGFR3	N.D.	N.D.	N.D.	
NM_008011	FGFR4	(+)	(+)	(+)	
D89628	VEGF-D/FIGF	(+)	(+)	(+)	
X59397	KDR	N.D.	N.D.	N.D.	
L07297	VEGFR	N.D.	N.D.	N.D.	
M18194	Fn1	(+)	(+)	(+)	Increased in adipocytes (x4)
J04596	Gro1	N.D.	N.D.	N.D.	
X84046	HGF	N.D.	N.D.	N.D.	
NM_010431	Hif1a	(+)	(+)	(+)	
M31885	ID1	(+)	(+)	(+)	
NM_008321	ID3	(+)	(+)	(+)	
NM_010502	IFNA1	N.D.	(+)	(+)	
NM_010510	IFN-b1	N.D.	(+)	(+)	
K00083	IFN r	(+)	N.D.	N.D.	Increased by PPAR $\gamma$ DN (x15)
NM_010512	IGF-1	N.D.	N.D.	N.D.	
NM_010548	IL-10	N.D.	N.D.	N.D.	
M86672	IL-12A	N.D.	N.D.	N.D.	
NM_010577	Integrin a5	(+)	(+)	(+)	
NM_008402	Integrin aV	(+)	(+)	(+)	
NM_016780	CD61	N.D.	N.D.	N.D.	
NM_008539	Madh1	(+)	(+)	(+)	
NM_010784	Middle	(+)	(+)	(+)	
NM_008610	gelatinase A	(+)	(+)	(+)	
NM_013599	gelatinase B	N.D.	N.D.	N.D.	
NM_031195	SR-A	N.D.	N.D.	N.D.	
NM_008713	NOS3	(+)	(+)	(+)	
NM_008737	neuropilin	(+)	(+)	(+)	
M29464	PDGF a	N.D.	N.D.	N.D.	
A162784	PDGF b	N.D.	N.D.	N.D.	

Figure 5 (Page 3 of 4)

NM_011058	PDGFRa	(+)	(+)	(+)	Decreased in adipocytes (x2)
NM_008809	PDGFRb	N.D.	N.D.	N.D.	
NM_008816	PECAM1	N.D.	N.D.	N.D.	
AB017491	PF 4	N.D.	N.D.	N.D.	
NM_008827	Placental growth factor	N.D.	N.D.	N.D.	
X02389	PLAU	N.D.	N.D.	N.D.	
NM_008969	PTGS1	(+)	(+)	(+)	
NM_011198	Cox-2	N.D.	N.D.	N.D.	
D90225	pleiotrophin	(+)	(+)	(+)	
NM_019765	Restin	(+)	(+)	(+)	
NM_011333	Soya2	(+)	(+)	(+)	
NM_009257	maspin	(+)	(+)	(+)	
M33960	PAL-1	(+)	(+)	(+)	
X16490	PAL-2	N.D.	N.D.	N.D.	
AF017057	PEDF	(+)	(+)	(+)	
NM_009242	SPARC	(+)	(+)	(+)	
NM_009263	osteopontin	(+)	(+)	(+)	
D13738	Tie-2	N.D.	N.D.	N.D.	
U65016	TGF-a	N.D.	N.D.	N.D.	
M33177	TGFb1	N.D.	N.D.	N.D.	
X57413	TGF b2	N.D.	N.D.	N.D.	
M32745	TGF b3	N.D.	N.D.	N.D.	
D33526	TGFBF1(ALK-5)	N.D.	N.D.	N.D.	
NM_009371	TGFBF2	(+)	(+)	(+)	
AF039601	betaglycan	(+)	(+)	(+)	
M37276	THBS1	N.D.	N.D.	N.D.	
L24803	THBS2	(+)	(+)	(+)	
L24434	TIMP2	N.D.	N.D.	N.D.	
AF102887	THBS3	N.D.	N.D.	N.D.	
X73960	Tie1	(+)	(+)	(+)	Decreased in adipocytes (x2), Increased by PPARy DN (x5.5)
NM_011593	TIMP1	(+)	(+)	(+)	
0	TIMP2	(+)	(+)	(+)	

**Figure 5 (Page 4 of 4)**

NM_011607	tenascin C	(+)	(+)	(+)	
NM_013693	TNF $\alpha$	N.D.	N.D.	N.D.	
M84487	VCAM-1	N.D.	N.D.	N.D.	
M95200	VEGF	(+)	(+)	(+)	Increased in adipocytes (x2), Decreased by PPAR $\gamma$ DN (x)
U48800	VEGF-B	(+)	(+)	(+)	Low
U73620	VEGF-C	(+)	(+)	(+)	Low

Figures 6A-6H

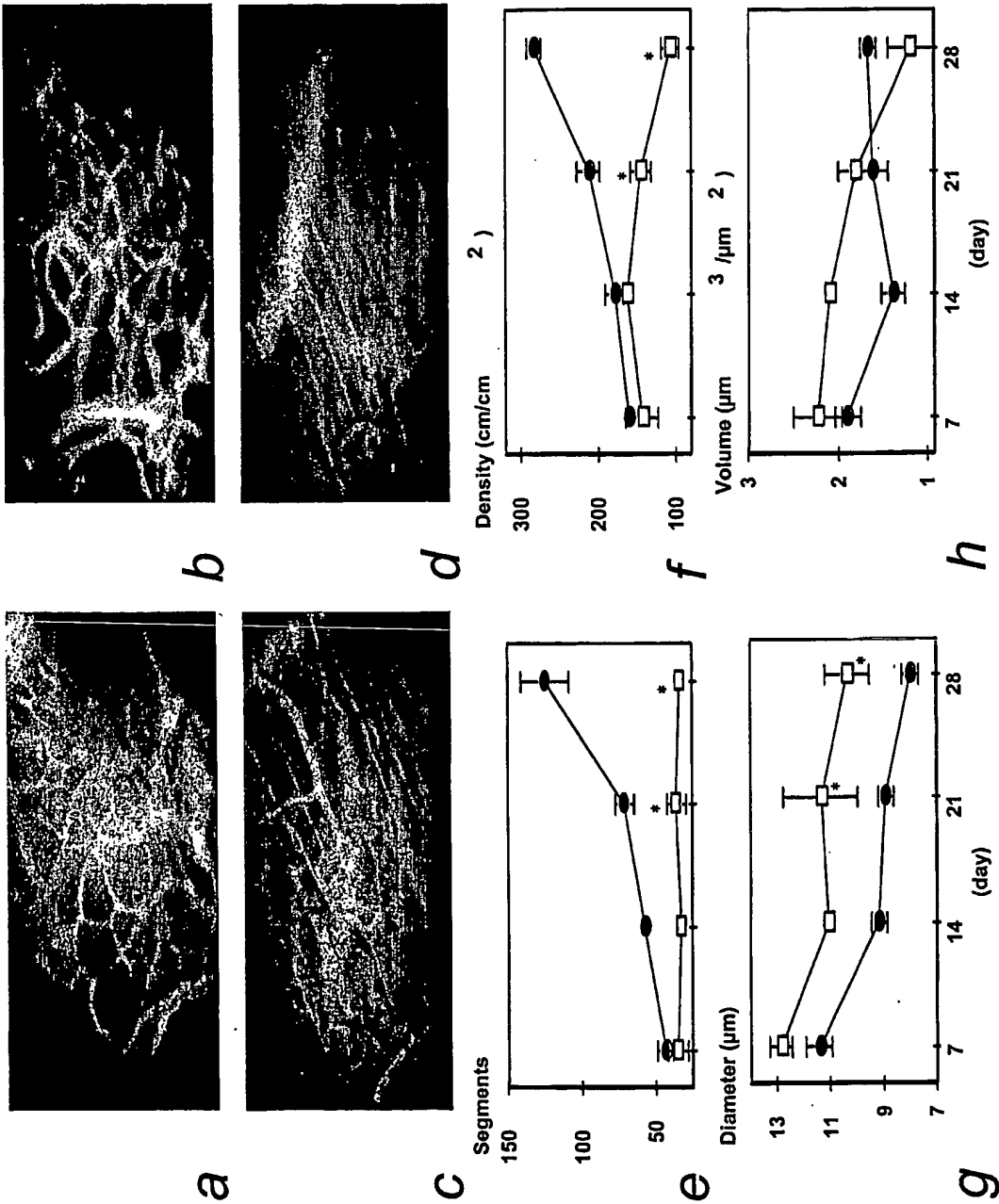


Figure 7

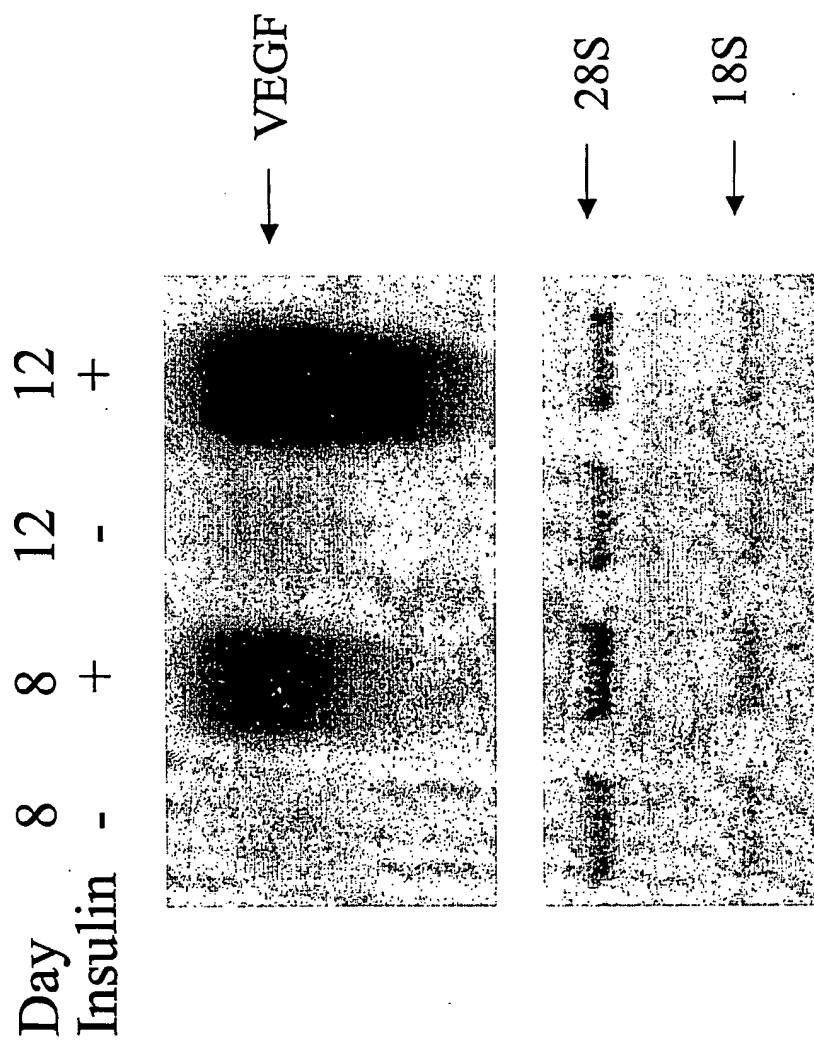


Figure 8

Gene name	Sense primer	Antisense primer
Ang-1	5'-ATGACAGTTTTCCTTTCCTTGCA-3' (SEQ ID NO: 1) & 5'-TTCTTCGCTGCCATTCTGACTCAC-3' (SEQ ID NO: 2)	5'-CATCATGGTGGTGAACGTAAGGA-3' (SEQ ID NO: 3)
Ang-2	5'-ATGTGCGCAGATCAATTTTCCTAACT-3' (SEQ ID NO: 4) & 5'-TTTGGCTGGGATCTTGTCTTGGC-3' (SEQ ID NO: 5)	5'-CCAGTAGTACCACTTGATACCGTT-3' (SEQ ID NO: 6)
aP2	5'-CTGGAAACAGAGCTCCTCCTCGAAG-3' (SEQ ID NO: 7) & 5'-ATGTGTGATGCCCTTTGTGGGAAC-3' (SEQ ID NO: 8)	5'-TAAATCAACATAACCATATATCCAAT-3' (SEQ ID NO: 9)
VEGF	5'-TCC GGA TCC ATG AAC TTT C-3' (SEQ ID NO: 10)	5'-TGG CTC ACC GCC TTG GCT-3' (SEQ ID NO: 11)
L13a	5'-GGGGCAGGTTCTGTGTAATGGATG-3' (SEQ ID NO: 12)	5'-CCTCGCACAGTGCGCCAGAAAATG-3' (SEQ ID NO: 13)
VEGF-B	5'-GCTGCTTGTTCGACTGCTGCAGCT-3' (SEQ ID NO: 14)	5'-TCTGCATTACATTTGGCTGTGTTTC-3' (SEQ ID NO: 15)
VEGF-C	5'-ATGCACCTTGCTGTGCTTCTTGTCT-3' (SEQ ID NO: 16)	5'-CTCTGTGTTATAATGTGCAGCAGC-3' (SEQ ID NO: 17)
VEGF-D	5'-CCTCATGATGTTCCATGTGTACTT-3' (SEQ ID NO: 18)	5'-TGTCTCTCTAGGGCTGCAATTGGGT-3' (SEQ ID NO: 19)
Osteopontin	5'-CATGAGATTGGCAGTGATTTTGCTT-3' (SEQ ID NO: 20)	5'-TCTGCTTGTGTACTAGCAGTGACG-3' (SEQ ID NO: 21)
Efrin B2	5'-AGGGACTCTGTGTGGAAGTACTGTT-3' (SEQ ID NO: 22)	5'-CTGGTCTGGCACAGTTGAGCAGTG-3' (SEQ ID NO: 23)
HIF1 $\alpha$	5'-GGCGGCGAGAACGAGAGAAAAG-3' (SEQ ID NO: 24)	5'-CACGTTATCAGAAATGTAAACCAT-3' (SEQ ID NO: 25)

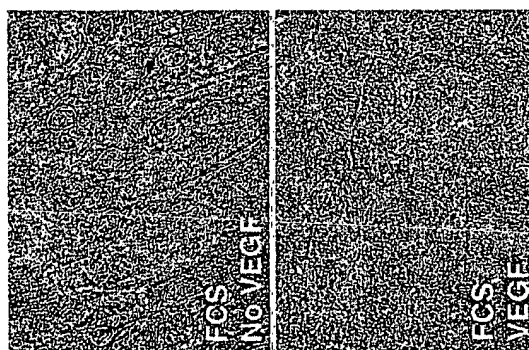


Figure 9A

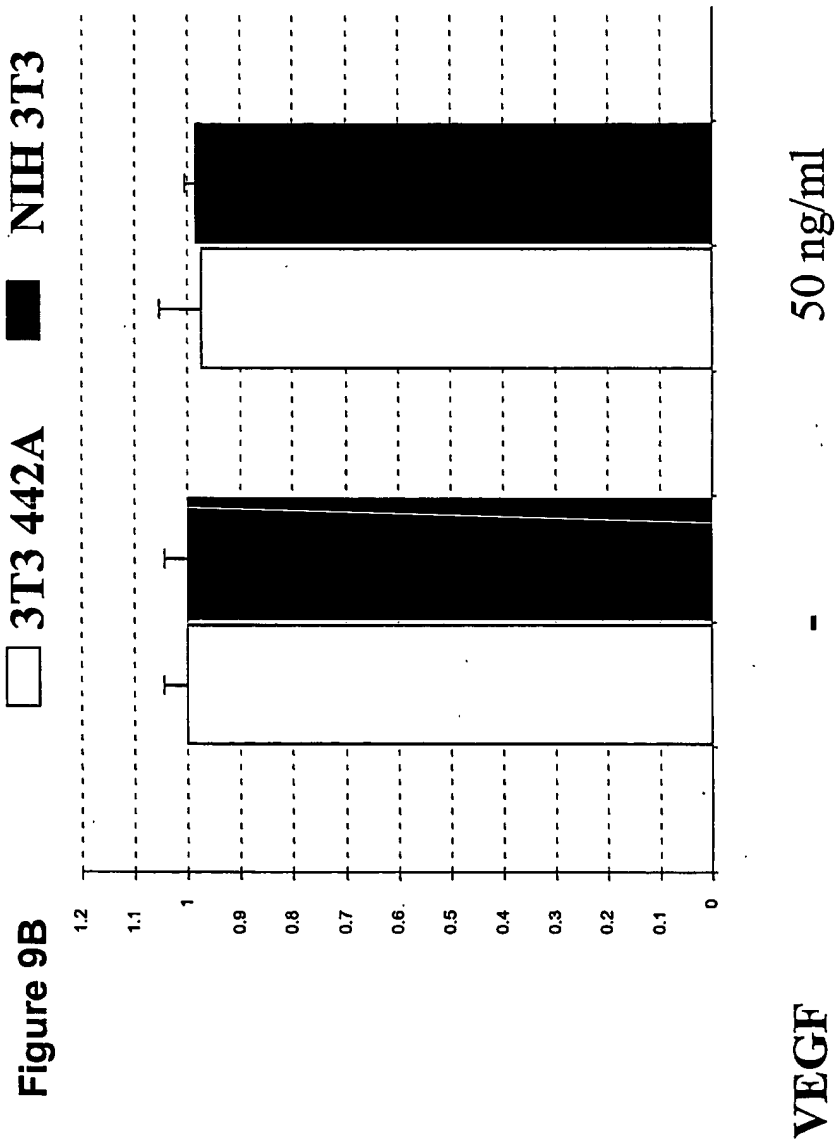
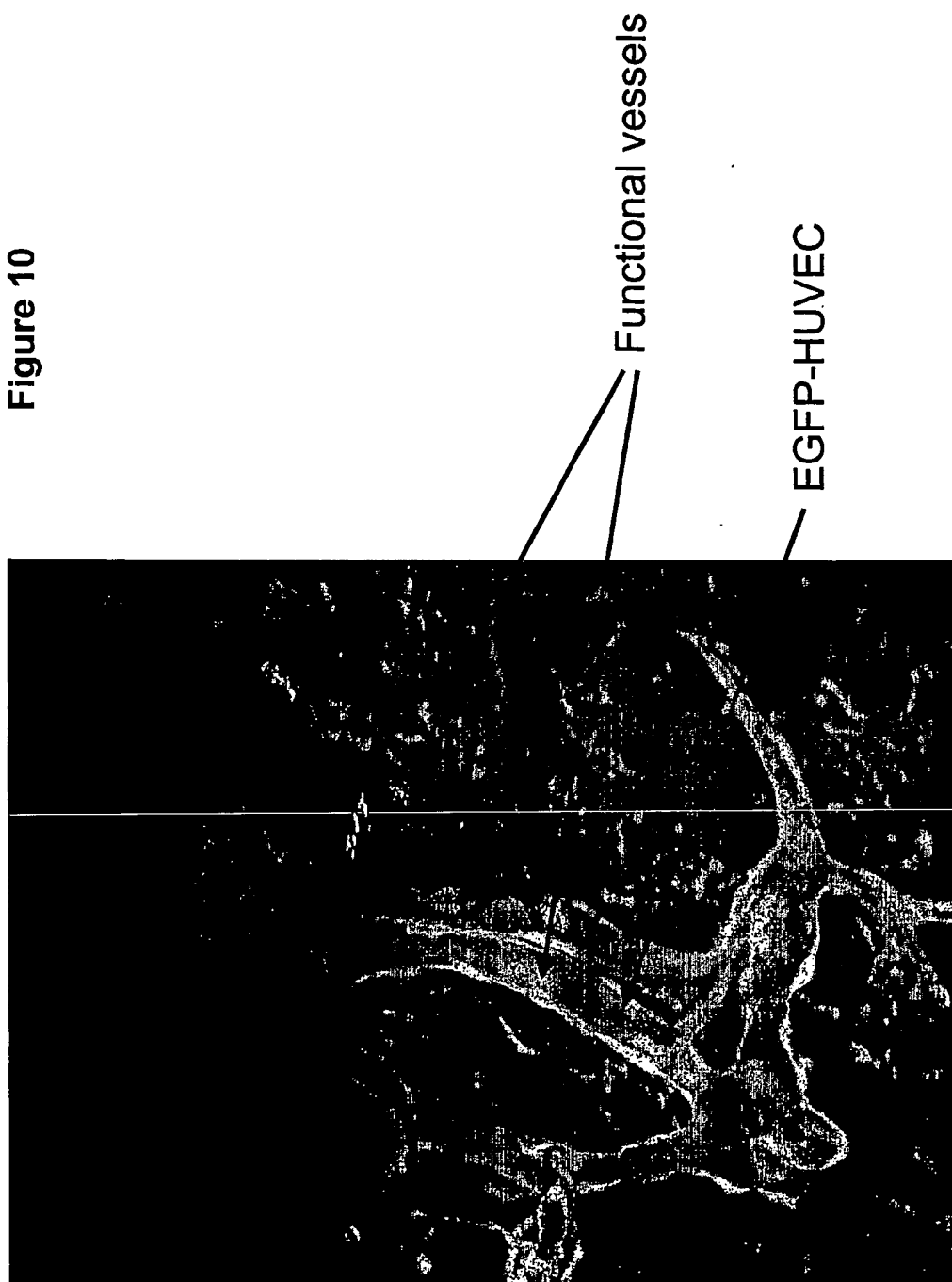


Figure 10



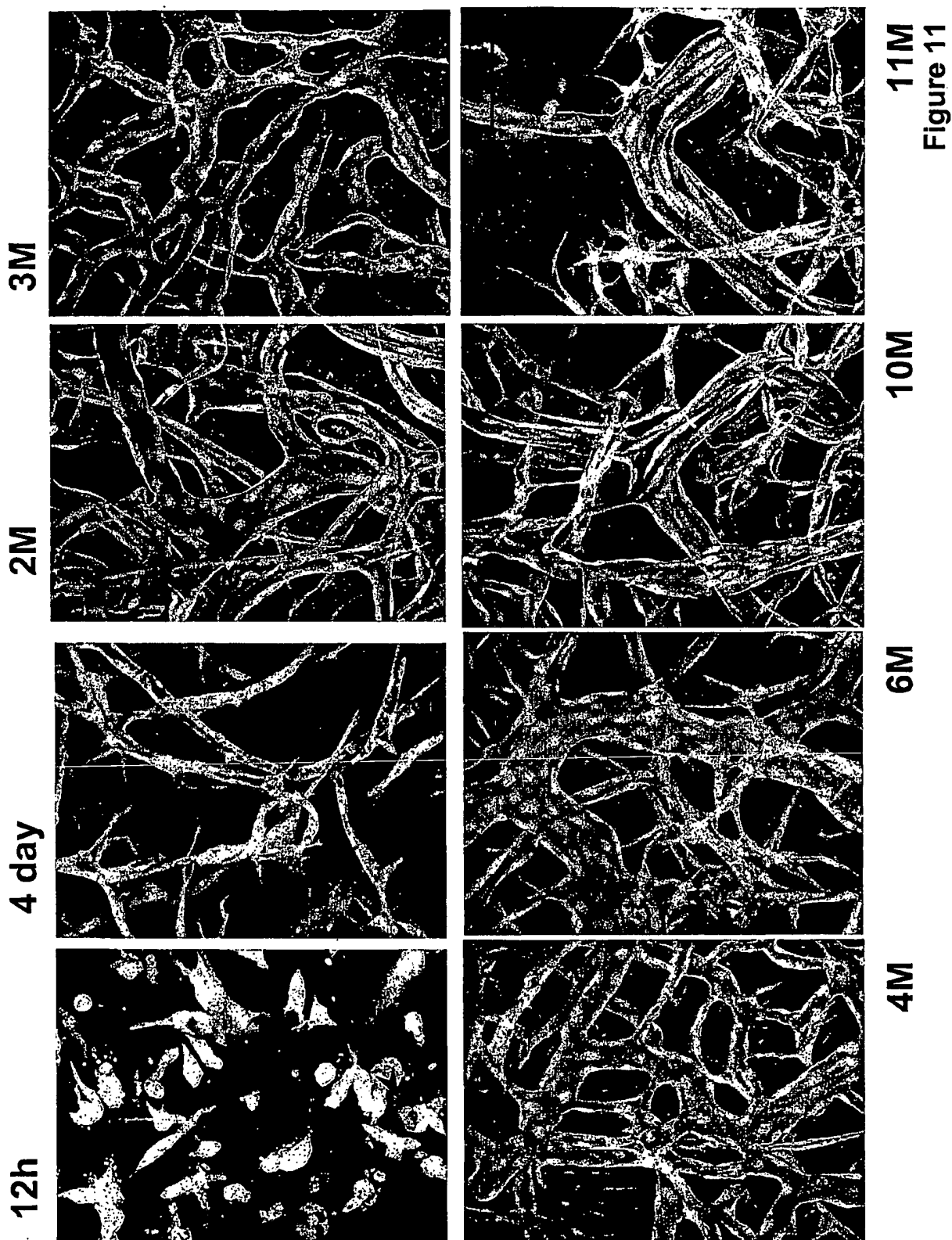


Figure 12

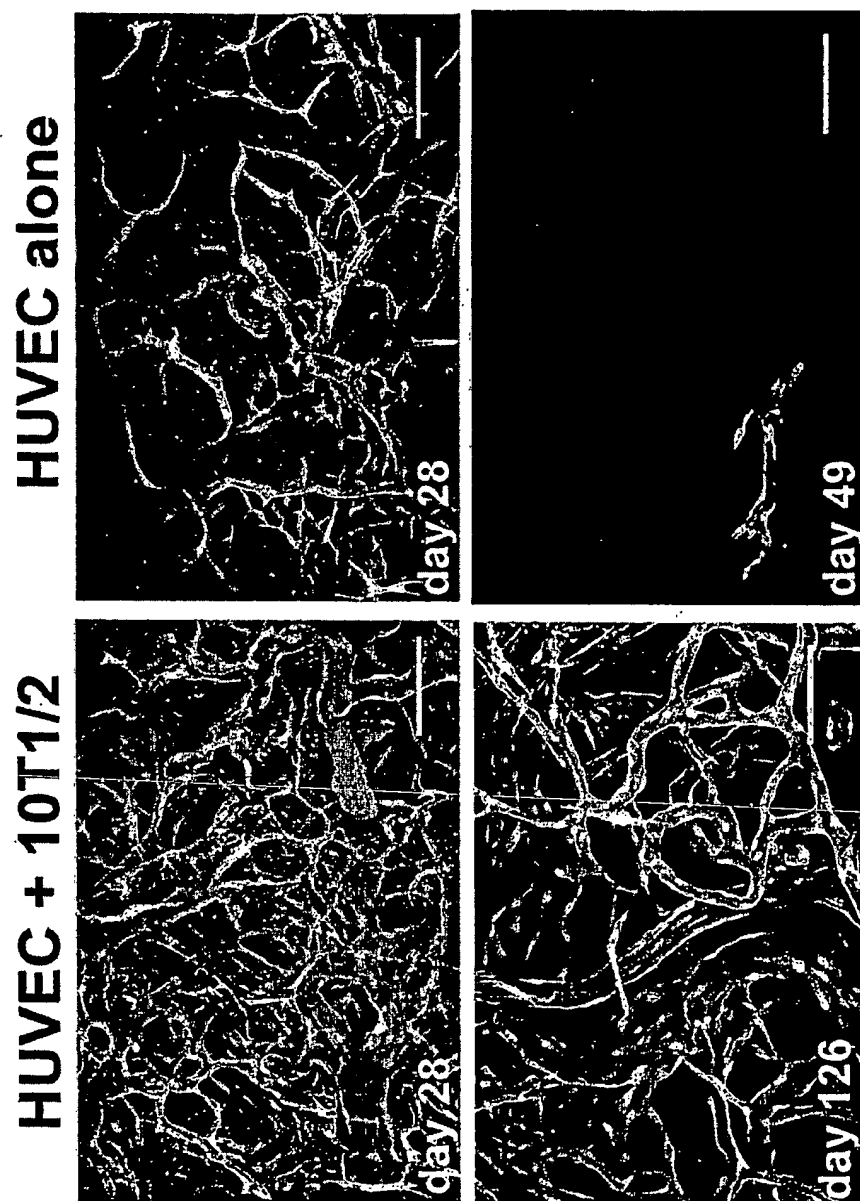


Figure 13

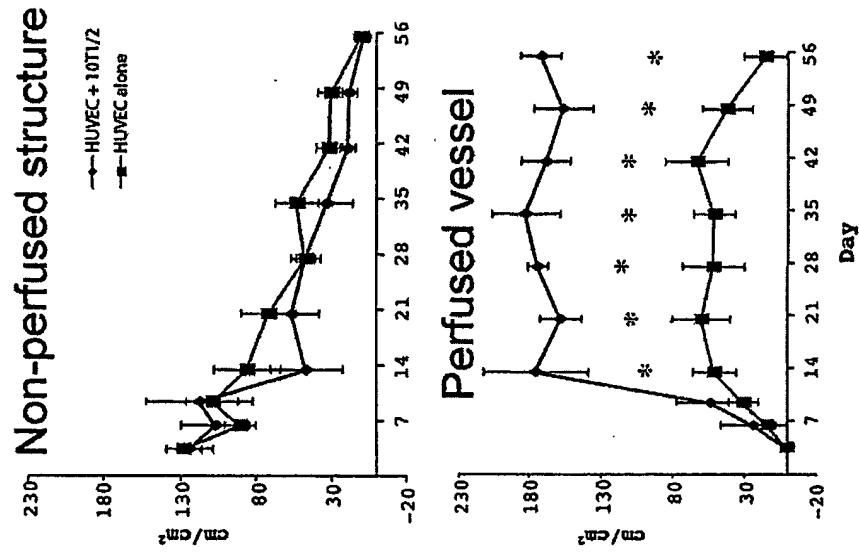




Figure 14

Figure 15

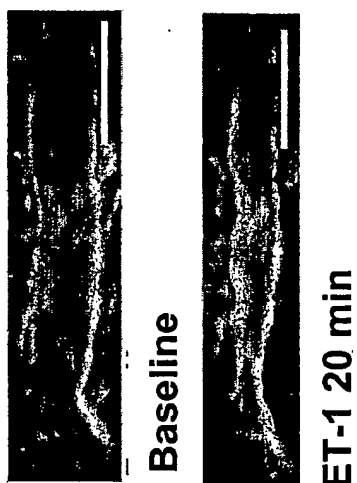
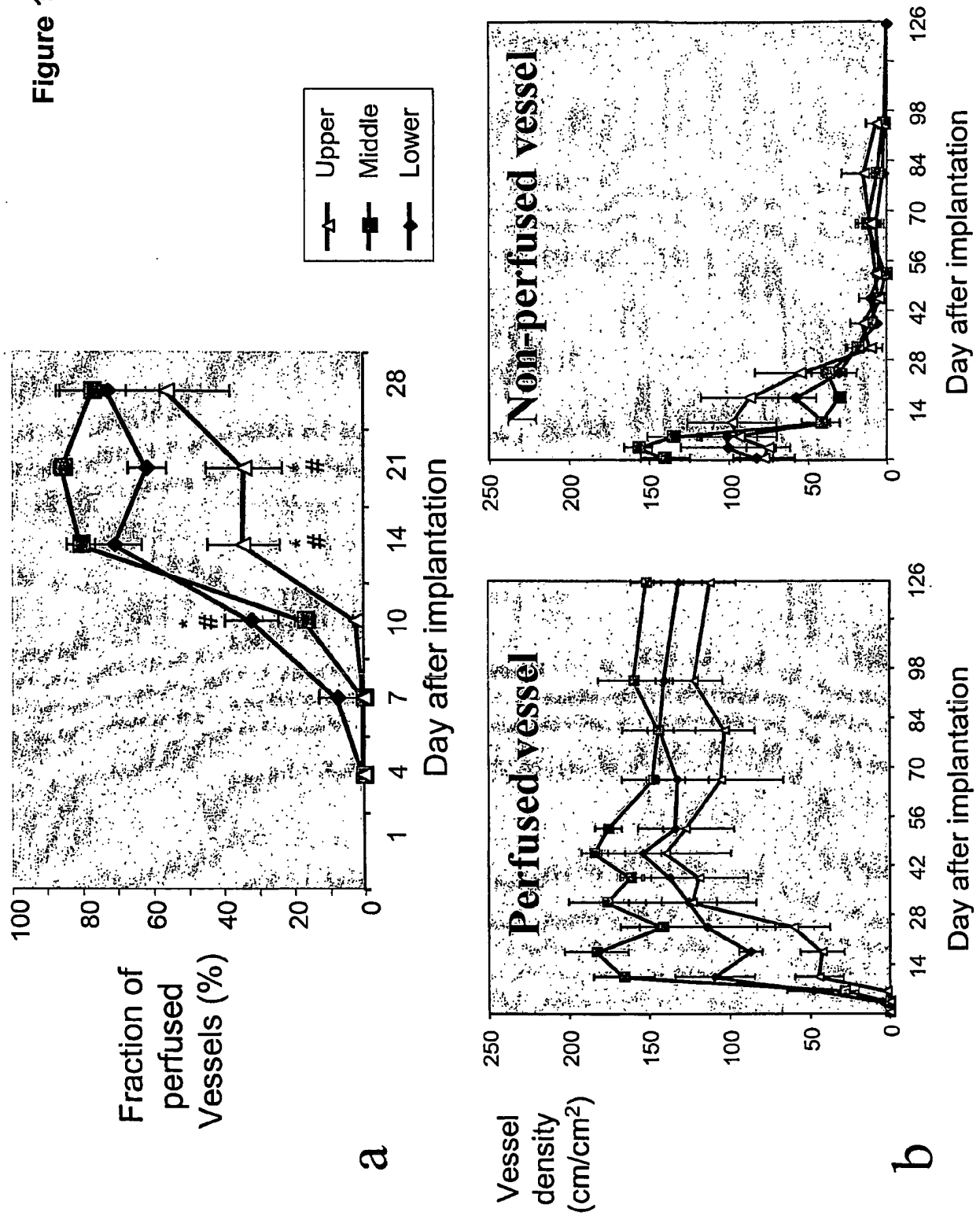


Figure 16



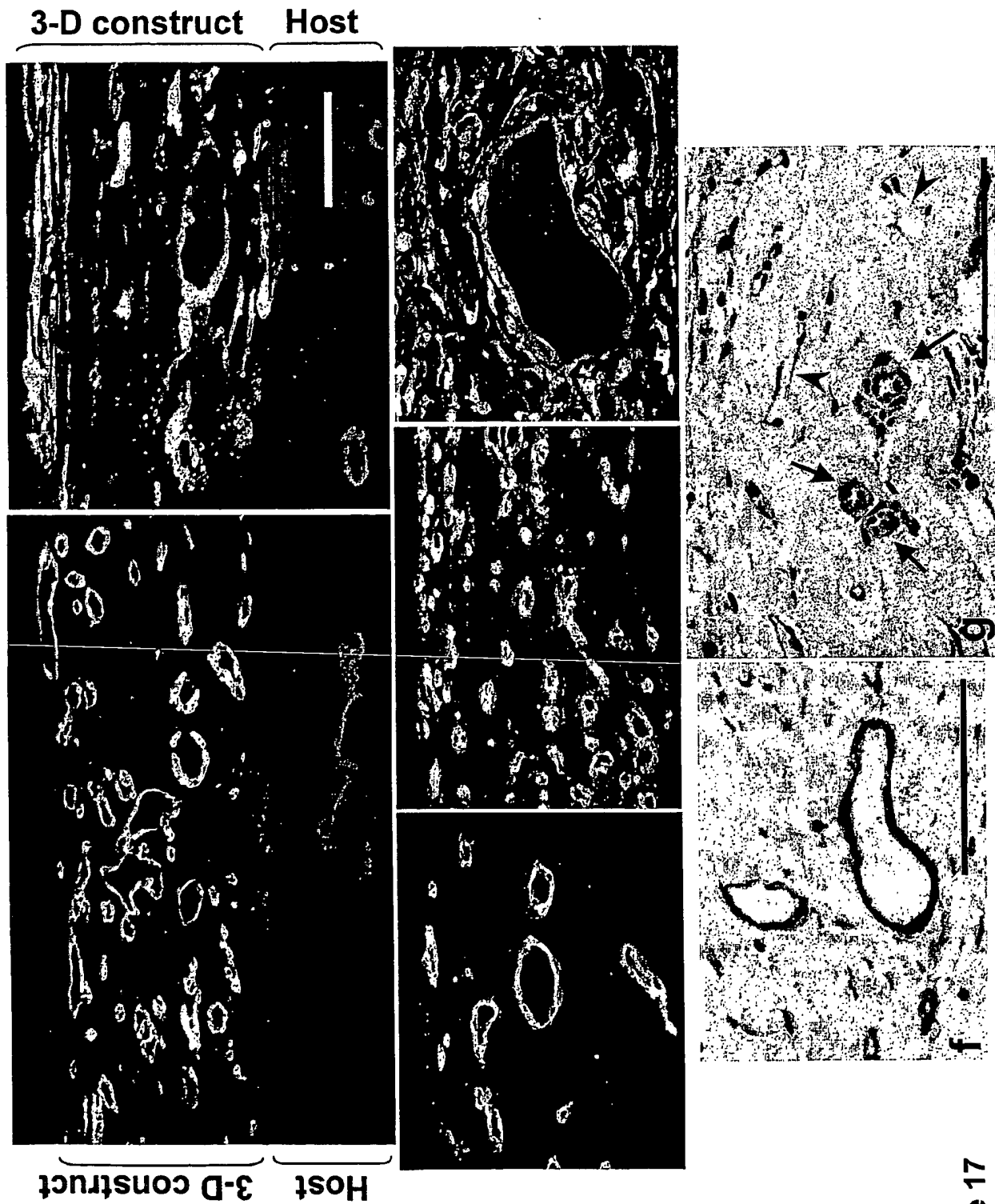


Figure 17

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